Nand logic gate

This consisted of the following main concepts:

1-filters:

Low pass filters.

High pass filters.

Band pass filters.

Sharp selected band reject filters.

2-buffers.

3- voltage control oscillators.

4-phase locked loops.

5-my drawing of speech

And it can be described as if my positive produced at all the inputs at the input lines at the same time then the output will produce my ground,or if not then the output will

be my positive,and transfered to the rest of the system.